



COMPONENTS MARKED 'DNP' SHOULD NOT BE POPULATED.
ASSEMBLY VARIANT: [No Variations]

[illegible]

FILED FROM: VIEWED FROM TOP SIDE	ZI	BOARD #:	TION-09499 OF R	SERIAL E1	SWN REV: Not In Version Control
LAYER NAME =	PAD CONNECTOR Pad Bpt com	←	30461		
PLTNAME =	Multilayer Composite Print of	GENERATED:	8/23/2015 2:49:52 PM		INSTRUMENTS

Texas Instruments (TI) and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. TI and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. TI and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
2200MIL X 5300MIL

Number of Layers : 2
 MIN. TRACK WIDTH: 8 MIL
 MIN. CLEARANCE: 7.87 MIL
 MIN. VIA PAD SIZE: 32 MIL

MINIMUM ANNUAL RING 0.186mm (7.345MIL) EXTERNAL
 PER IPC-D-275 CLASS 2 LEVEL C
 REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL

MATERIAL:
☐ FR-408 ☐ FR-4 High Tg ☒ OTHER FR4

THICKNESS: ☒ 63 MIL (1.6mm) +/-10% ☐ OTHER _____

TOLERANCE: ☒ ANSI IPC-6012 TYPE 3 CLASS 2
☐ OTHER +/- _____

BOW & TWIST: ☒ ANSI IPC-6012 TYPE 3 CLASS 2
☐ OTHER +/- _____

COPPER THICKNESS (FINISHED):
 OUTER: ☒ 1.4MIL (1oz) ☐ 2MIL (1.4oz) ☐ 2.8MIL (2oz)
 INNER SIGNAL: ☐ 1.4MIL (1oz) ☐ 2.8MIL (2oz) ☐ N/A

DRIILLING:
 REFERENCE: ☒ AS SHOWN ☐ NC_DRILL FILES
 PTH MIN COPPER THICKNESS: ☒ 1MIL ☐ OTHER _____

BOARD FINISH:
 SILKSCREEN: ☒ TOP ☐ BOTTOM
 SILKSCREEN COLOR: ☒ WHITE ☐ OTHER _____

SOLDER RESIST COLOR:
☒ GREEN ☐ BLUE ☐ OTHER _____

SURFACE FINISH: ☒ IMMERSION GOLD (ENIG) ☐ ENEPG
☐ IMM. TIN/SILVER OR EQUIV ☐ OTHER _____

ARRAY/PANEL: ☐ CUT AND TRIM PER MECH LAYER 1
☐ N.C. ROUTE ☒ V. SCORE

CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBs TO MEET OR EXCEED THE REQUIREMENTS OF:
☒ ANSI IPC-A-600F CLASS --> ☐ 1 ☒ 2 ☐ 3
☒ UL 94V-0 ☐ RoHS ☐ OTHER _____ PER ORDER

ADDITIONAL REQUIREMENTS: VIA TENCING: YES ☒ NO ☐
 MICROSEAL: ☐ YES IMPEDANCE CONTROL: YES ☐ NO ☒

BASE BOARD ELEC. TEST: ☐ NONE ☒ REQUIRED _____ PER ORDER

MANUFACTURER'S CODE: ☐ RAIL ☐ METAL ☐ SILK



PROJECT TITLE:

AFE -DFR

DESIGNED FOR:

Public Release

FILE NAME:

TIDA-00499_DFR.PcbDoc

ENGINEER:

Sreenivas

LAYOUT BY:

Anur adha

ALTUM DESIGNER VERSION:
14.3.14.34663

SCALE: 1.00